

**NEWBORN EMERGENCY TRANSPORT SERVICE MEDICAL GUIDELINES**  
**SECTION: 11**  
**Resuscitation and Intubation Drugs for Neonates**

NETS11.3.5  
Title of policy: Resuscitation and intubation drugs for neonates  
Date Revised: June 2011

Neonatology Clinical Guidelines  
King Edward Memorial/Princess Margaret Hospitals  
Perth Western Australia

Date:..... Name of Baby:..... Weight:.....kg.....

Drug	Original Concentration	Dilution	Dosage	Dose to be given (ml/kg)	Volume for patient (ml)
<b>Morphine (in PMH/KEMH NCCU)</b>	1mg/ml	Do not dilute	100-200 micrograms/kg	0.1-0.2 ml/kg	
<b>Morphine (other hospitals)</b>	10mg/ml	1ml Morphine + 9ml WFI=1mg/ml <b>(10mg in 10ml)</b>	100-200 micrograms/kg	0.1 -0.2ml/kg	
<b>Atropine</b>	600 micrograms/ml	1ml Atropine + 5ml WFI =100micrograms/ml <b>(600micrograms in 6ml)</b>	20 micrograms/kg	0.2ml/kg	
<b>Suxamethonium</b>	100mg/2ml	1ml Suxamethonium + 4mlWFI=10mg/ml <b>(50mg in 5ml)</b>	2mg/kg	0.2ml/kg	
<b>Naloxone</b>	400 micrograms/ml	Do not dilute	100 micrograms/kg	0.25ml/kg	
<b>Adrenaline</b>	1:10 000	Give neat through ETT, good IV or UVC	<b>&gt; 34 weeks/&gt;2kg: 1 ml/dose</b> <b>&lt;34 weeks/&lt; 2kg: 0.5ml/dose</b>		
<b>8.4% Na Bicarbonate</b>	1mmol/ml	Dilute 1:1 with WFI (0.5mmol/ml) Give slowly through a good vein or UVC	1mmol/kg	2ml/kg	
<b>Midazolam</b>	15mg/3ml	1ml Midazolam + 4ml WFI=1mg/ml <b>(5mg in 5ml)</b>	100 micrograms/kg	0.1ml/kg	
<b>10%Ca Gluconate</b>	0.22mmol/ml	Can give neat through good IV slowly	0.5ml/kg <b>SLOW</b>	0.5ml/kg	
<b>Glucagon</b>	1 Unit=1mg	Dilute with 1ml diluent	200 micrograms/kg (max 1mg)	0.2ml/kg	